

Non-Motorized Transportation Snapshot
Bike Ped Task Force

March 15, 2017



Phase 1 Research

- Phase 1 Research Questions and findings
 - Bicycle facilities , policies, and programs
 - Pedestrian facilities, policies, and programs
 - Equity
 - Safety
 - Economic Development
- Discussion



Overview – Purpose and structure of snapshot

- Provide an overview of existing conditions and trends in non-motorized transportation in the region, focusing on trends and developments since 2010.
 - Phase 1: Analysis of broad trends in bicycling and walking, equity, safety and economic development
 - Phase 2: Detailed analysis of NMT trends and growth areas, walkability indicators
- Draw upon and support other ON TO 2050 development work
- Review and update pertinent GO TO 2040 indicators



Overview – Scope

Phase 1: Analysis of broad trends (Dec. 2016 – Feb. 2017)

Phase 2: Detailed analysis of NMT trends and growth areas, walkability indicators (Feb. – Apr. 2017)

Phase 3: Draft the snapshot (Apr. – Jun. 2017)

Key Research Questions – Cycling

Bicycle Facilities, Policies, Programs

- How have regional bicycle facilities been expanded since 2010?
- Are there new facility designs that are increasing in popularity ?
- What policies and programs are supporting growth in bicycle travel?

Credit: David Wilson, Flickr Creative Commons

Credit: CDOT

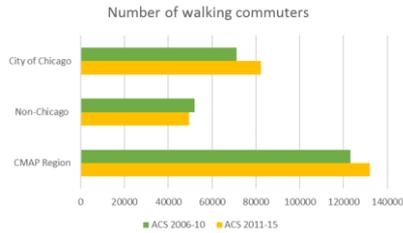
On-street facilities



Key Research Questions – Pedestrian facilities

Pedestrian Facilities, Policies, Programs

- Have there been innovations in pedestrian treatments in the region since 2010?
- How are communities improving ADA accommodations?



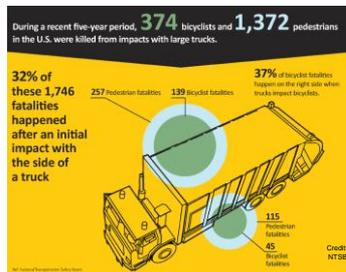
Pedestrian infrastructure

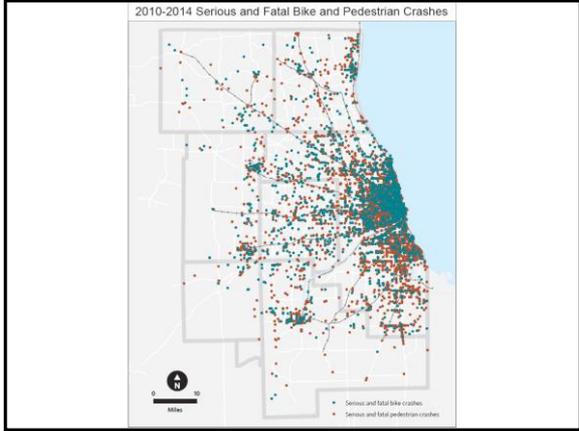


Key Research Questions – Crashes and Safety

Crashes and Safety

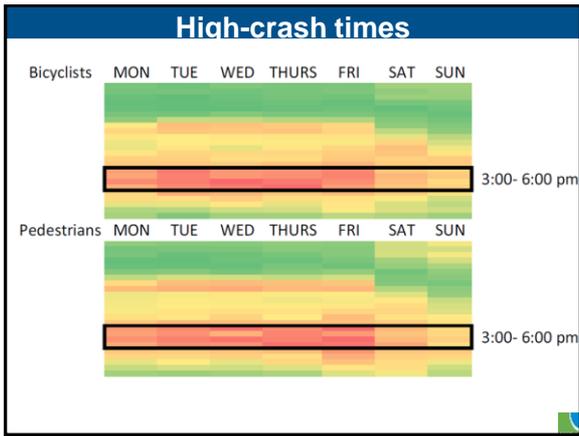
- How have conditions and safety for non-motorized transportation changed?

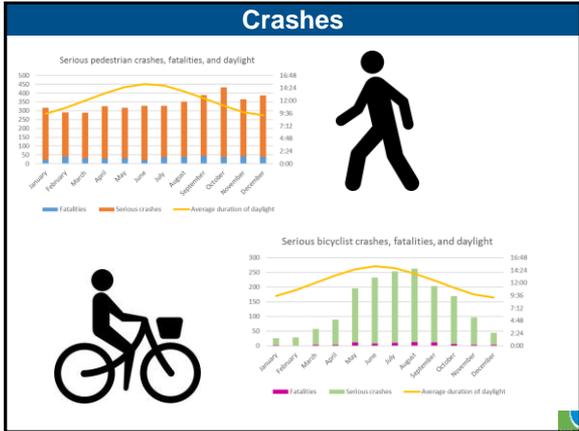


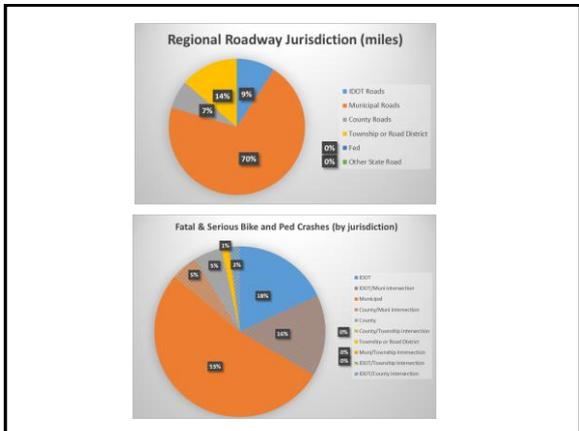


Crashes

- Between 2010 and 2014, an average of **3 people** in our region have been killed or seriously injured while walking or biking every day.







Key Research Questions – Equity

Equity

- Are there demographic trends reflected in safety for people walking and biking, such as income levels, race and ethnicity, population density, mode share breakdown?
- Where are crashes occurring?

Equity

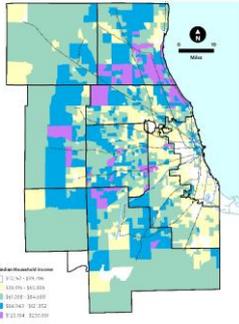
In Illinois, African-Americans constitute **14.2 percent** of the population



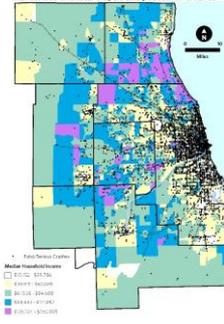
and **24.1 percent** of pedestrian deaths

Median household income & crashes

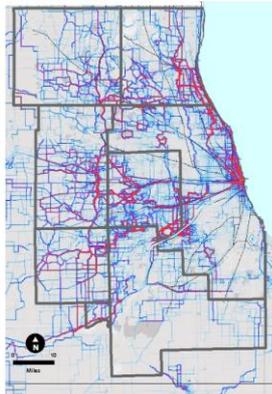
Median Household Income



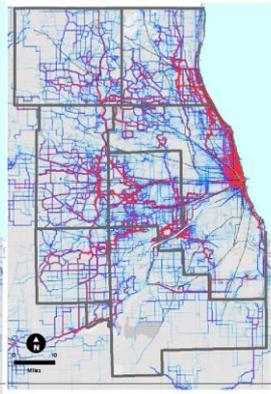
Median Household Income with serious and fatal bicycle and pedestrian crashes

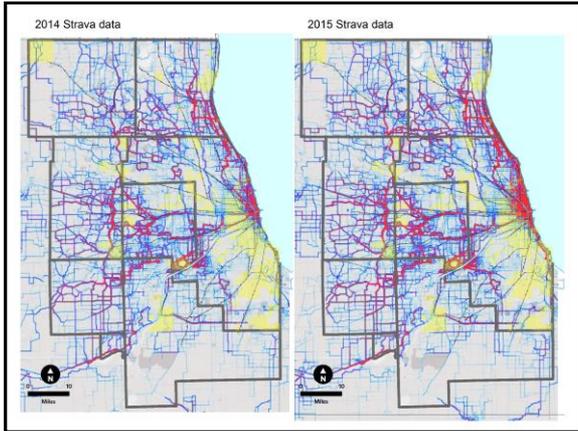


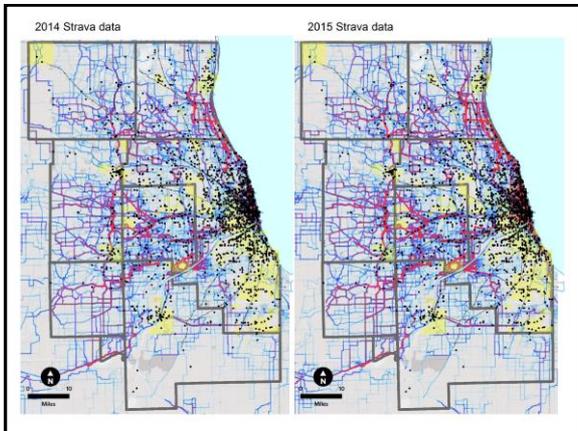
2014 Strava data



2015 Strava data







Key Research Questions – Economic Development

Economic Development tool

- Are any local communities using non-motorized transportation to support transit usage or economic development goals?
- How do they (plan to) measure success?

Phase 2 Research Questions

- Where have Complete Streets initiatives been implemented? What success have they had? How do you measure success?
- What are the important elements of walkability?
- How has bike share impacted cycling in Chicago and the region and what are implications for other communities?
- What are the biggest challenges to roadway safety for pedestrians and bicyclists, and what solutions have been most effective (engineering, education, enforcement, etc)?
- What are the lessons learned regarding safety initiatives and infrastructural changes to support better walking and biking? Will automated safety features address concerns or raise new ones?

Outreach and engagement

Engagement

- CMAP Committees: Transportation, Environment & Natural Resources, Land Use
- Bicycle and Pedestrian Task Force
- IDOT, Ride Illinois, Chicagoland Complete Streets Coalition
- Additional local groups

ON TO 2050

Feedback

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